

CLAIMS

1. A detergent and conditioning cosmetic composition, characterized in that it comprises, in a

5 5) cosmetically acceptable aqueous medium, (A) a washing base comprising at least one anionic surfactant and at least one amphoteric surfactant, (B) at least one water-insoluble carboxylic acid ester chosen from

10 1) - monoesters of saturated or unsaturated and linear or branched monocarboxylic acids and of saturated or unsaturated and linear or branched monoalcohols,

15 2) - di- or triesters of saturated or unsaturated and linear or branched di- or tricarboxylic acids and of saturated or unsaturated and linear or branched monoalcohols,

20 3) - mono-, di- or triesters of saturated or unsaturated and linear or branched di- or tricarboxylic acids and of saturated or unsaturated and linear or branched dialcohols,

25 4) - monoesters of saturated or unsaturated and linear or branched monocarboxylic acids and of saturated or unsaturated and linear or branched dialcohols,

5) - di- or triesters of saturated or unsaturated and linear or branched monocarboxylic acids and of unsaturated dialcohols of any kind or of saturated dialcohols having more than 4 carbon atoms,

6) - mono- or diesters of saturated or unsaturated and linear or branched monocarboxylic acids and of saturated trialcohols,

7) - triesters of saturated or unsaturated and linear or branched monocarboxylic acids and of saturated trialcohols having more than 3 carbon atoms,

8) - mono-, di- or triesters of saturated or unsaturated and linear or branched monocarboxylic acids and of unsaturated trialcohols,

10 9) - mono-, di- or triesters of saturated or unsaturated and linear or branched di- or tricarboxylic acids and of saturated or unsaturated and linear or branched trialcohols,

the total number of carbon atoms of the ester not exceeding 27 if it is not unsaturated and 50 if it comprises at least one unsaturation,

15 the concentration of the ester being greater than 1%,
the composition being devoid of cationic surfactant,
and

20 the anionic surfactant/amphoteric surfactant ratio by weight being less than or equal to 3.

2. The composition as claimed in claim 1, characterized in that said washing base is present at a content by weight of between 4% and 50% by weight with respect to the total weight of the composition, preferably of between 6 and 35% by weight and more preferably of between 8% and 25% by weight.

3. The composition as claimed in either one of claims 1 and 2, characterized in that the anionic surfactant(s) is (are) present in concentrations ranging from 3 to 30% by weight, preferably from 5 to 5 20% by weight, with respect to the total weight of the composition.

4. The composition as claimed in any one of claims 1 to 3, characterized in that the amphoteric surfactant(s) is (are) present in concentrations 10 ranging from 1 to 20% by weight, preferably from 1.5 to 15% by weight, with respect to the total weight of the composition.

5. The composition as claimed in any one of claims 1 to 4, characterized in that the anionic 15 surfactant/amphoteric surfactant ratio by weight is between 0.2 and 3 and more particularly between 0.4 and 2.5.

6. The composition as claimed in any one of claims 1 to 5, characterized in that said esters are 20 chosen from:

1)- monoesters of saturated or unsaturated and linear or branched C₁-C₄₉, preferably C₃-C₃₀, monocarboxylic acids and of saturated or unsaturated and linear or branched C₁-C₄₉, preferably C₂-C₃₀, monoalcohols,
25 2)- di- or triesters of saturated or unsaturated and linear or branched C₂-C₄₈, preferably C₃-C₃₀, di- or tricarboxylic acids and of saturated or unsaturated and

linear or branched C₁-C₄₉, preferably C₂-C₃₀, monoalcohols,

3)- mono-, di- or triesters of saturated or unsaturated and linear or branched C₂-C₄₉, preferably C₃-C₃₀, di- or

5 tricarboxylic acids and of saturated or unsaturated and linear or branched C₁-C₄₉, preferably C₂-C₃₀, dialcohols,

4)- monoesters of saturated or unsaturated and linear or branched C₁-C₄₈, preferably C₃-C₃₀, monocarboxylic acids and of saturated or unsaturated and linear or

10 branched C₂-C₄₉, preferably C₃-C₃₀, dialcohols,

5)- di- or triesters of saturated or unsaturated and linear or branched C₁-C₄₆, preferably C₃-C₃₀,

monocarboxylic acids and of unsaturated C₂-C₄₈, preferably C₄-C₃₀, dialcohols or of saturated dialcohols

15 having more than 4 carbon atoms and preferably C₅-C₄₈ dialcohols and more particularly still C₅-C₃₀ dialcohols,

6)- mono- or diesters of saturated or unsaturated and linear or branched C₁-C₄₇, preferably C₃-C₃₀,

20 monocarboxylic acids and of saturated C₃-C₄₉, preferably C₃-C₃₀, trialcohols,

7)- triesters of saturated or unsaturated and linear or branched C₁-C₄₆, preferably C₃-C₃₀, monocarboxylic acids and of saturated trialcohols having more than 3 carbon

25 atoms and preferably C₄-C₄₇ trialcohols and more particularly C₄-C₃₀ trialcohols,

8)- mono-, di- or triesters of saturated or unsaturated and linear or branched C₁-C₄₇, preferably C₃-C₃₀, monocarboxylic acids and of unsaturated C₃-C₄₉, preferably C₃-C₃₀, trialcohols,

5 9)- mono-, di- or triesters of saturated or unsaturated and linear or branched C₂-C₄₇, preferably C₃-C₃₀, di- or tricarboxylic acids and of saturated or unsaturated and linear or branched C₃-C₄₈, preferably C₃-C₃₀, trialcohols.

10 7. The composition as claimed in claim 6, characterized in that said esters are chosen from the compounds from classes 1), 2), 4), 6) and 9).

8. The composition as claimed in either one of claims 6 and 7, characterized in that said esters
15 are chosen from:

cetyl lactate, C₁₂-C₁₅ alkyl lactate, isostearyl lactate, lauryl lactate, linoleyl lactate, oleyl lactate, (iso)stearyl octanoate, isocetyl octanoate, octyl octanoate, cetyl octanoate, isodecyl octanoate,
20 isononyl isononanoate, octyl isononanoate, 2-ethylhexyl isononate, octyl palmitate, octyl pelargonate, octyl stearate, octyldodecyl erucate, oleyl erucate, ethyl and isopropyl palmitates, 2-ethylhexyl palmitate, isopropyl myristate, butyl myristate, hexyl stearate,
25 butyl stearate, isobutyl stearate, hexyl laurate or tridecyl erucate,

diethyl sebacate, diisopropyl sebacate, diisopropyl adipate, di(n-propyl) adipate, dioctyl adipate, dioctyl maleate, triisopropyl citrate, trioleyl citrate or dioctyl malate,

5 propylene glycol monostearate, tripropylene glycol monostearate, diethylene glycol monostearate or diethylene glycol monooleate,

glyceryl undecylenate, glyceryl monolaurate, glyceryl dilaurate, glyceryl monocaprate, glyceryl

10 monocaprylate, glyceryl monostearate, glyceryl monooleate or glyceryl dioleate,

glyceryl citrate or glyceryl monosuccinate.

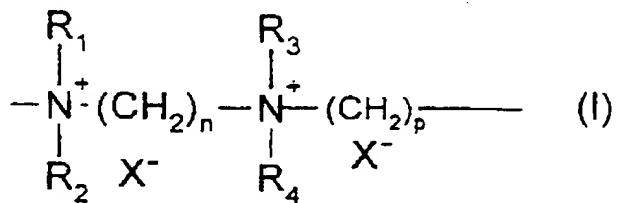
9. The composition as claimed in any one of claims 1 to 8, characterized in that said esters are present in concentrations of between 1.2 and 15% and preferably between 1.5 and 10% by weight with respect to the total weight of the composition and more particularly still from 2 to 8% by weight.

10. The composition as claimed in any one of claims 1 to 9, characterized in that the composition additionally comprises at least one cationic polymer.

11. The composition as claimed in claim 10, characterized in [lacuna] the cationic polymer is chosen from quaternary derivatives of cellulose ether, diallyldimethylammonium salt homopolymers and copolymers of diallyldimethylammonium salt and of acrylamide, cationic polysaccharides, or quaternary

copolymers of vinylpyrrolidone and of vinylimidazole salt.

12. The composition as claimed in claim 10, characterized in [lacuna] the cationic polymer is chosen from polymers which are composed of repeat units corresponding to the formula:



in which R_1 , R_2 , R_3 and R_4 , which are identical or different, denote an alkyl or hydroxyalkyl radical having from 1 to 4 carbon atoms approximately, n and p are integers varying from 2 to 20 approximately and X^- is an anion derived from an inorganic or organic acid.

13. The composition as claimed in any one of claims 10 to 12, characterized in that said cationic polymer represents from 0.05% to 10% by weight, preferably from 0.1% to 5% by weight and more preferably still from 0.25% to 3% by weight of the total weight of the composition.

14. The composition as claimed in any one of claims 1 to 13, characterized in that the composition additionally comprises at least one water-soluble salt.

15. The composition as claimed in claim 14, characterized in [lacuna] the water-soluble salts are salts of mono- or divalent metals and of an inorganic or organic acid.

16. The composition as claimed in either one of claims 14 and 15, characterized in [lacuna] the water-soluble salts are chosen from sodium chloride, potassium chloride, calcium chloride, magnesium sulfate, sodium citrate, or the sodium salts of phosphoric acid.

17. The composition as claimed in any one of claims 14 to 16, characterized in that the water-soluble salts are present at concentrations of between 10 0.1 and 10% by weight and preferably between 0.5 and 5% by weight with respect to the total weight of the composition.

18. The composition as claimed in any one of claims 1 to 17, characterized in that the composition 15 additionally comprises at least one water-soluble alcohol.

19. The composition as claimed in claim 18, characterized in that the water-soluble alcohols are lower C₁-C₆ alcohols, such as ethanol, isopropanol, 20 tert-butanol or n-butanol, polyols, such as alkylene glycols, for example propylene glycol or glycerol, and polyalkylene glycols, or glycol ethers.

20. The composition as claimed in either one of claims 18 and 19, characterized in that the water-soluble alcohols are used in concentrations generally 25 of between 0.1 and 20% by weight and more particularly

between 0.2 and 10% by weight with respect to the total weight of the composition.

21. The composition as claimed in any one of claims 1 to 20, characterized in that it additionally 5 comprises one or more adjuvants chosen by cationic surface-active agents, anionic or nonionic or amphoteric polymers, proteins, protein hydrolysates, ceramides, pseudoceramides, fatty acids comprising linear or branched C₁₆-C₄₀ chains, such as 18-methyl- 10 eicosanoic acid, hydroxy acids, vitamins, panthenol, volatile or nonvolatile silicones which are soluble or insoluble in the medium, UV screening agents, moisturizing agents, antidandruff or antiseborrheic agents, agents for combating free radicals, opacifying 15 agents, and their mixtures.

22. Use of the composition as defined in any one of claims 1 to 21 for cleaning and/or removing makeup from keratinous substances.

23. A process for washing and for 20 conditioning keratinous substances, such as the hair, which consists in applying, to wetted said substances, an effective amount of the composition as defined in any one of claims 1 to 21 and in then rinsing with water, after an optional leave-in time.